

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims**

1. (currently amended) A method of automatic creation of a talk group in a wireless radio communication system (100) comprising a plurality of mobile stations (102—116), said method comprising the steps of:
  - a) transmitting (200) by a first mobile station (102) an emergency message, wherein said emergency message comprises containing at least its a first mobile station ID, and localization data, and an indication that said emergency message this is an emergency message;
  - b) transmitting (202) by other mobile stations their said other mobile stations IDs and localization data in response to said emergency message;
  - c) creating (206) said talk group by selecting thesessaid other mobile stations which transmitted theirsaid other mobile stations IDs and localization data.
2. (currently amended) A method according to claim 1, wherein only thesessaid other other mobile stations, which are within a predefined distance from said first mobile station transmits theirsaid other mobile stations IDs and localization data.
3. (original) A method according to claim 2, wherein for communication system operating in trunking mode said predefined distance is limited to the borders of a cell within which said first mobile station is located or to a group of cells.
4. (currently amended) The method according to claim 2-~~or 3~~, wherein said other mobile stations, which distance from said first mobile station is larger than said predefined distance, transmit theirsaid other mobile stations localization data if there is no other mobile station within said second predefined distance.
5. (currently amended) The method according to claim 4 comprising the step of:
  - a) increasing said predefined distance if no one of said other mobile stations responded to said emergency message; and
  - b) re-sending said emergency message.

6. (currently amended) The method according to claim 1 or ~~claim 5~~, wherein said other mobile stations transmit ~~their~~ said other mobile stations IDs and localization data with a predefined delay and said predefined delay increases with increasing distance from said first mobile station.

7. (currently amended) The method according to claim 1 or ~~claim 6~~, wherein only those of said other mobile stations which are within a predefined distance from said first mobile station are selected to said talk group.

8. (currently amended) The method according to claim 7, wherein some of said other mobile stations, which are located beyond said predefined distance, are selected to said talk group if there is no one mobile station of said other mobile stations within said predefined distance or the number of said other mobile stations is below a predefined threshold.

9. (currently amended) The method according to ~~claim 1~~ any one of preceding claims, wherein after receiving said IDs and localization data of said other mobile stations, said step of selecting is performed by said first mobile station.

10. (currently amended) The method according to claim 9, wherein after creation of said talk group information on said talk group, said talk group information is transmitted to a dispatch centre, said information includes IDs of members of said talk group and ~~their~~ said other mobile stations localization data.

11. (currently amended) The method according to ~~any one of claims 1—8~~, wherein after receiving said IDs and localization data of said other mobile stations, said step of selecting is performed by an infrastructure.

12. (currently amended) The method according to ~~claim 1~~ any one of preceding claims, wherein at least one ~~an~~ emergency service unit, located closest to said first mobile station, is added to said talk group.

13. (currently amended) The method according to ~~any one of claims 10—12~~, wherein a dispatch centre transmits driving directions to said emergency service unit.

14. (currently amended) The method according to claim 1~~any one of preceding claims~~, wherein said localization data are Global Positioning System Data or triangulation based data.

15. (currently amended) The method according to claim 1~~any one of preceding claims~~, wherein said emergency message comprises~~contains also~~ an indication what~~of~~ type of emergency service ~~is~~requested.

16. (currently amended) The method according to claim 1~~any one of preceding claims~~, wherein said emergency message is transmitted to a dispatch centre, and said dispatch centre forwards said emergency message to said other mobile stations.

17. (currently amended) The method according to claim 1~~any one of preceding claims~~, wherein said dispatch centre is added to said talk group.

18. (currently amended) A mobile station comprising means for signal transmission-(602, 604, 606), means for signal reception-(608, 604, 606), a microphone-(620), an audio processing circuitry-(624, 626), a keypad-(616), a microprocessor-(610), a memory-(612), a localization circuitry-(614), and characterized in that it further comprises an emergency switch-(622) being adapted to initiate transmission of an emergency message, said emergency message comprising localization data, an ID of said mobile station and an indication that this said emergency message is an emergency message.

19. (original) The mobile station according to claim 18 being adapted to receive emergency messages from other mobile stations.

20. (currently amended) The mobile station according to ~~any one of claims 18 or 19~~ being adapted to send its ID and localization data in response to emergency message received from any one of said other mobile stations.

21. (currently amended) The mobile station according to ~~any one of claims 18—20~~ being adapted to receive response to emergency message from said other mobile stations.

22. (currently amended) The mobile station according to claim 19~~or claim 21~~, wherein said microprocessor being adapted to calculate distance between said mobile station and any one of said other mobile stations.

23. (currently amended) The mobile station according to ~~any one of claims 18 to 22~~, wherein said microprocessor is adapted to store in said memory localization data and IDs received from said other mobile stations.

24. (original) The mobile station according to claim 23, wherein said microprocessor is adapted to calculate distances between said first mobile station and any one of said other mobile stations which have responded to said emergency message and create a talk group comprising other mobile stations based on said calculated distances.

25. (currently amended) The mobile station according to ~~any one of claims 18 to 24~~ wherein said localization circuitry is a Global Positioning System unit.

26. (currently amended) The mobile station according to ~~any one of claims 18 to 24~~ wherein said microprocessor is adapted to calculate localization of said mobile station based on triangulation data.